

AUG 09 2004

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FIG. 1

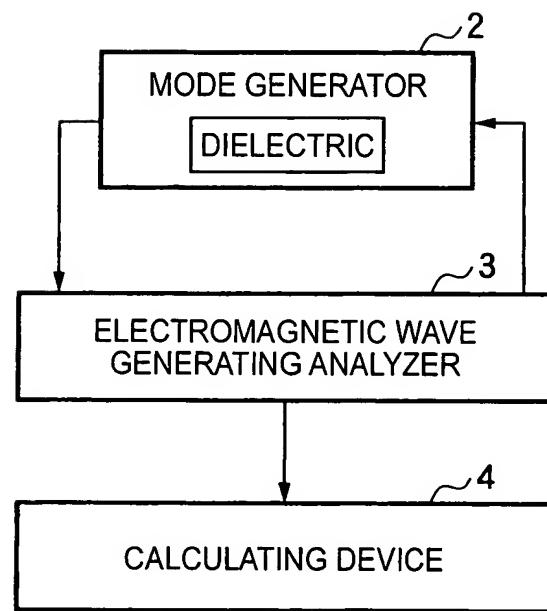


FIG. 2

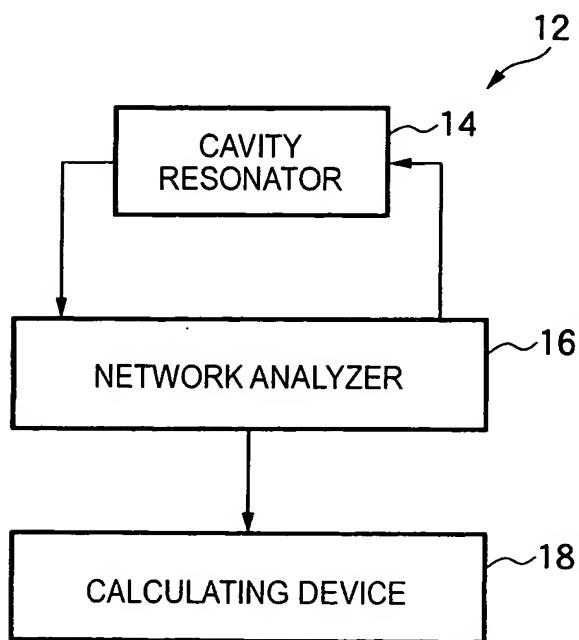


FIG. 3

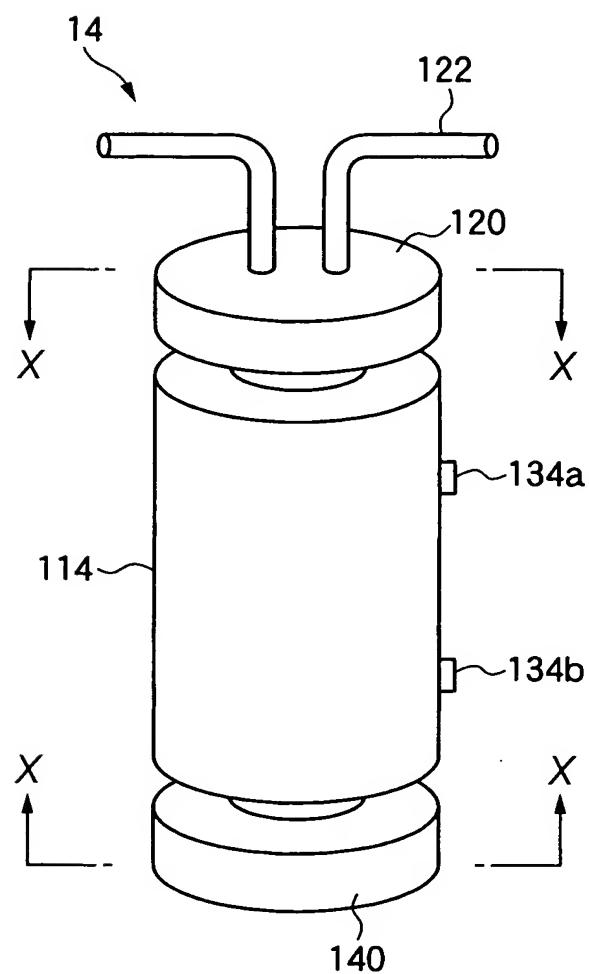


FIG. 4

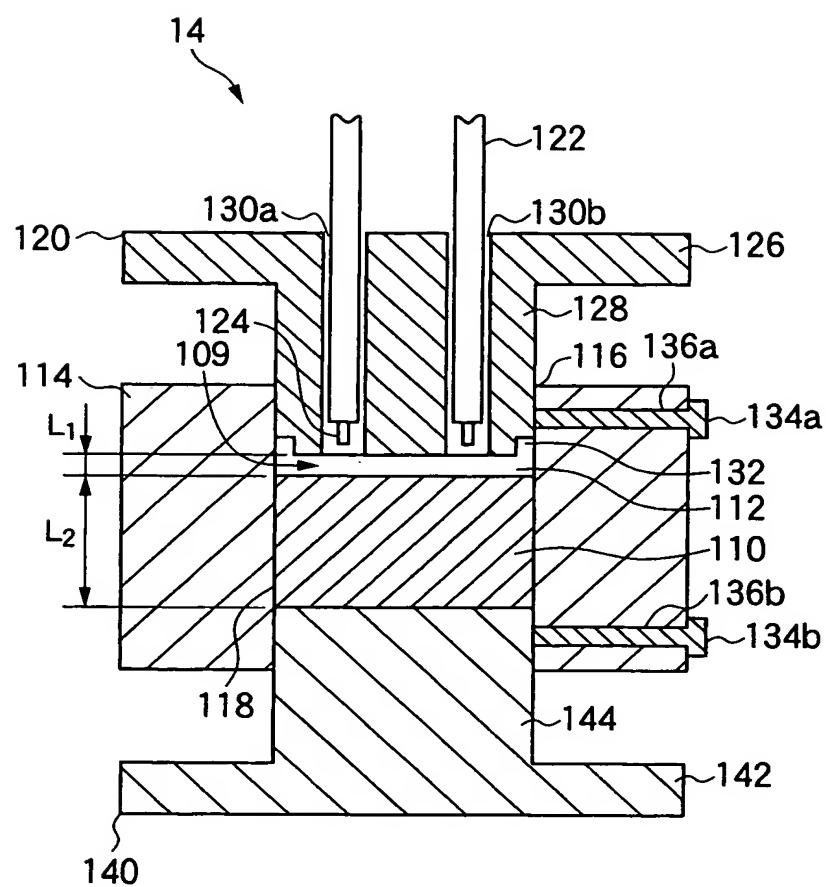


FIG. 5

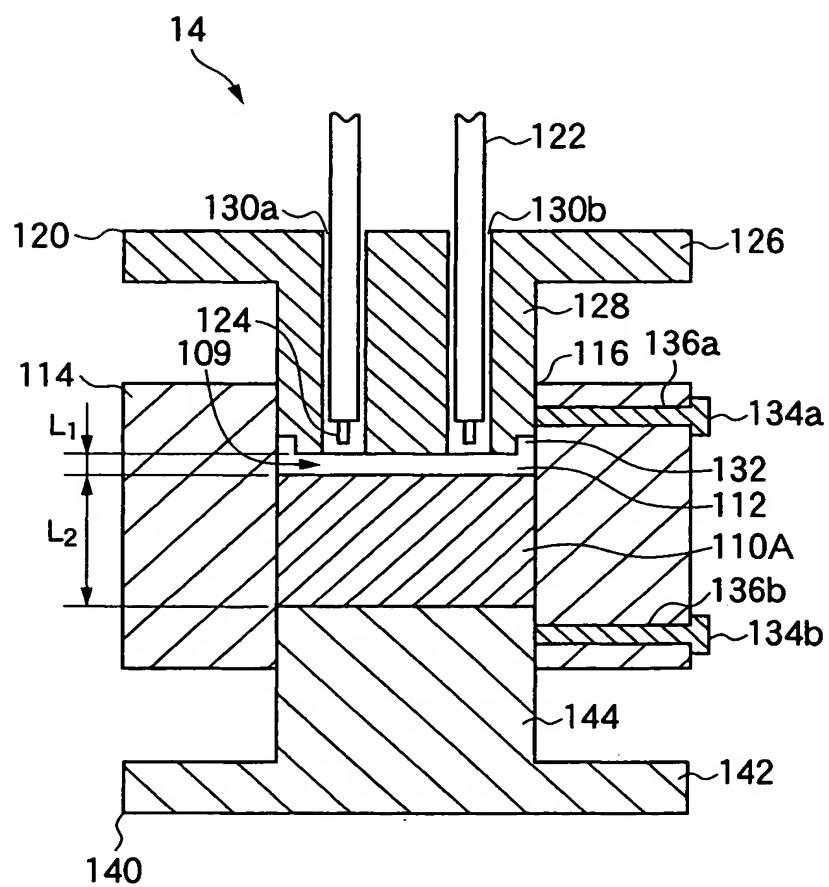


FIG. 6

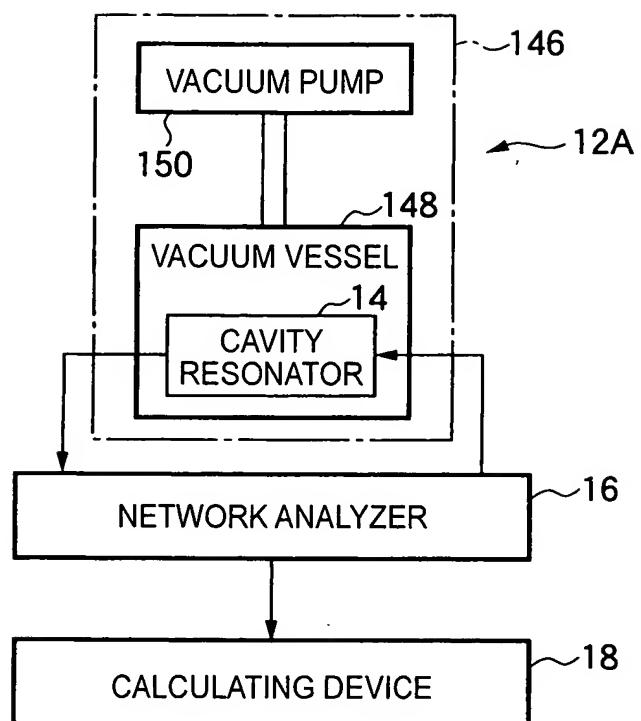


FIG. 7

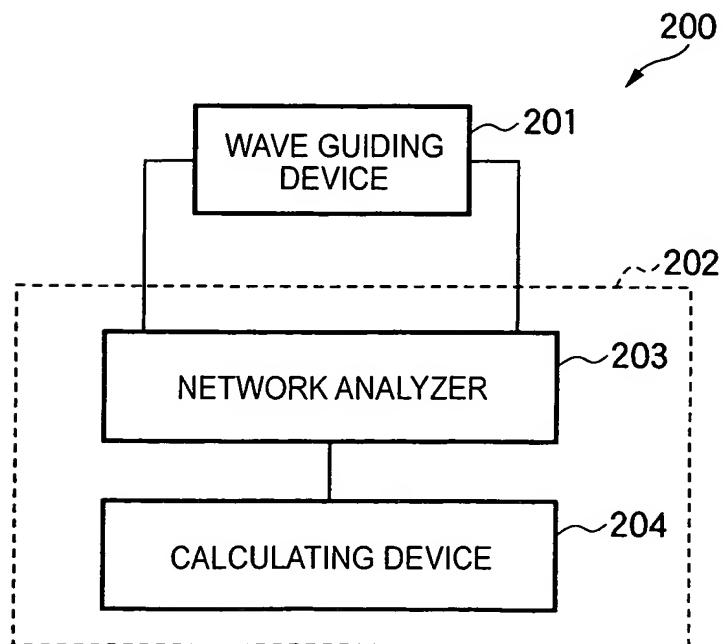


FIG. 8

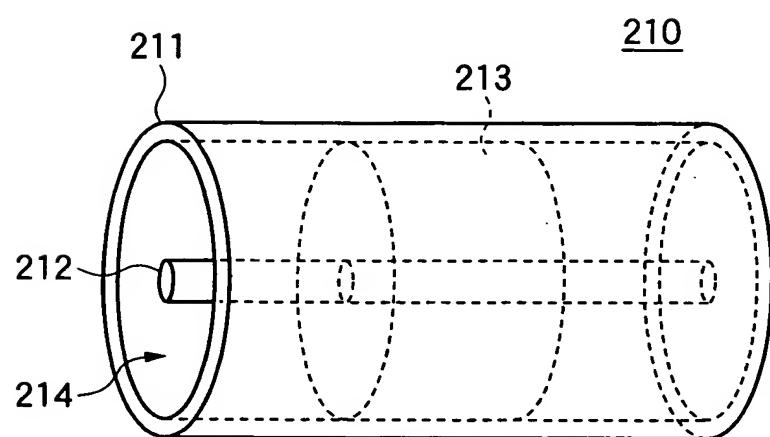


FIG. 9

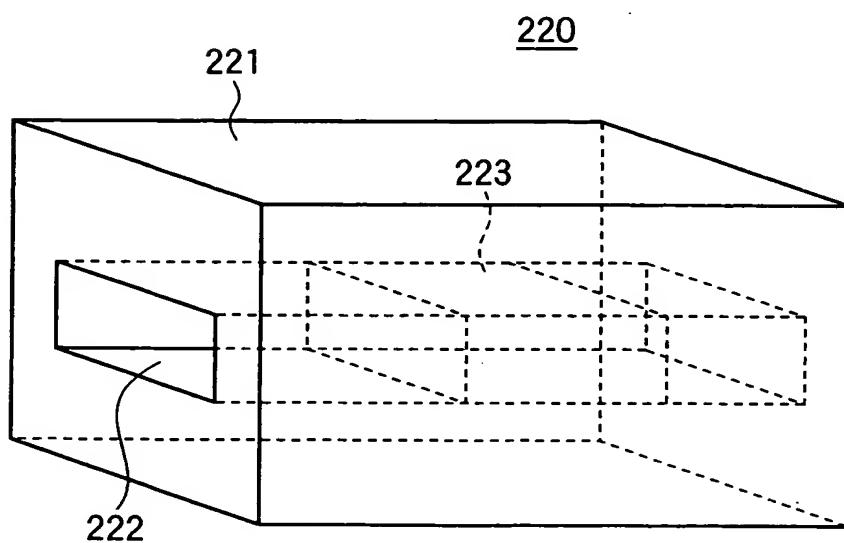


FIG. 10

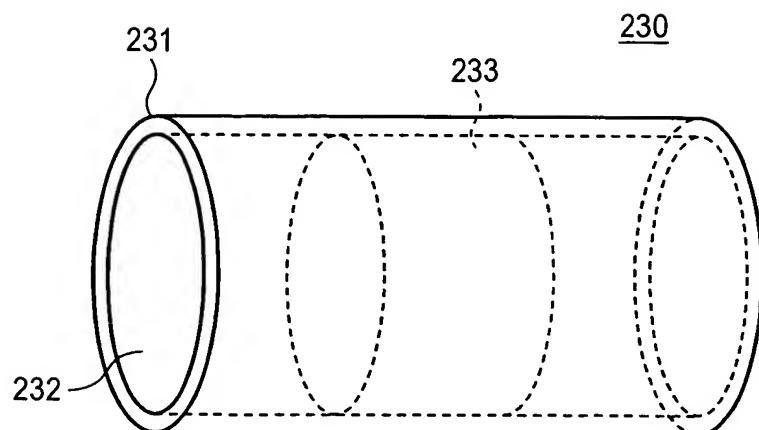


FIG. 11

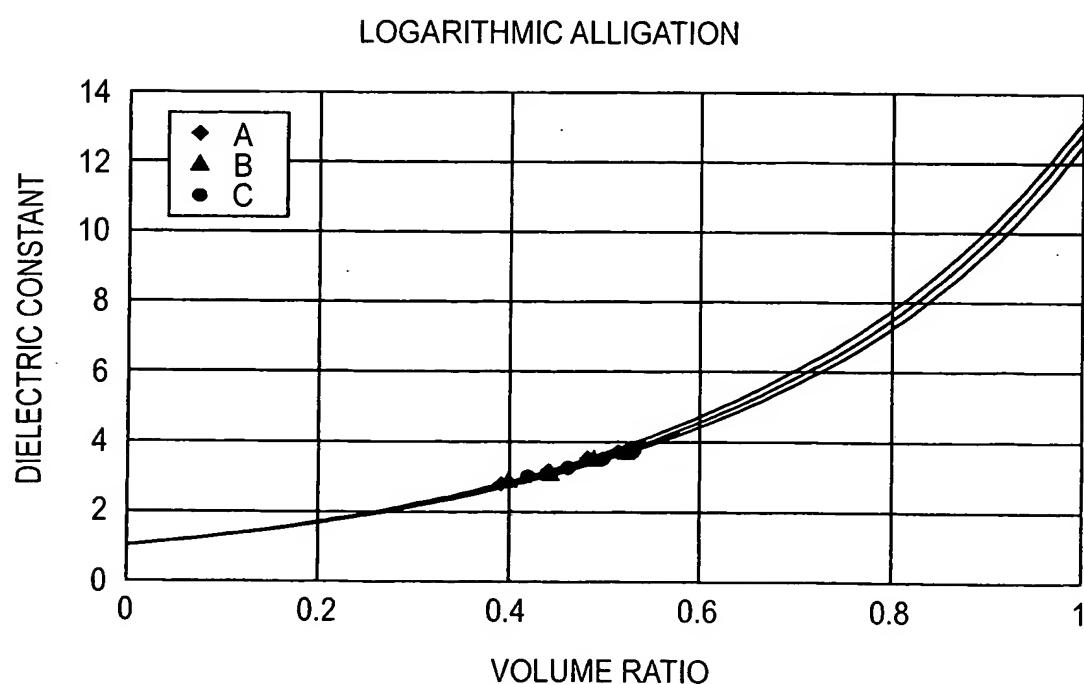


FIG. 12

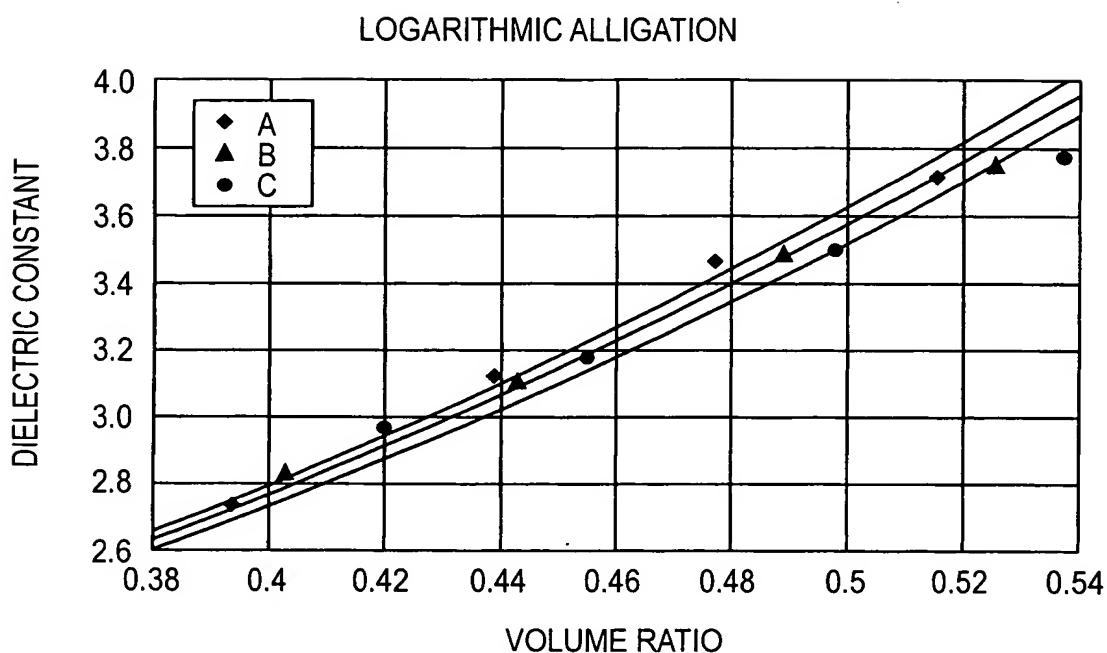


FIG. 13

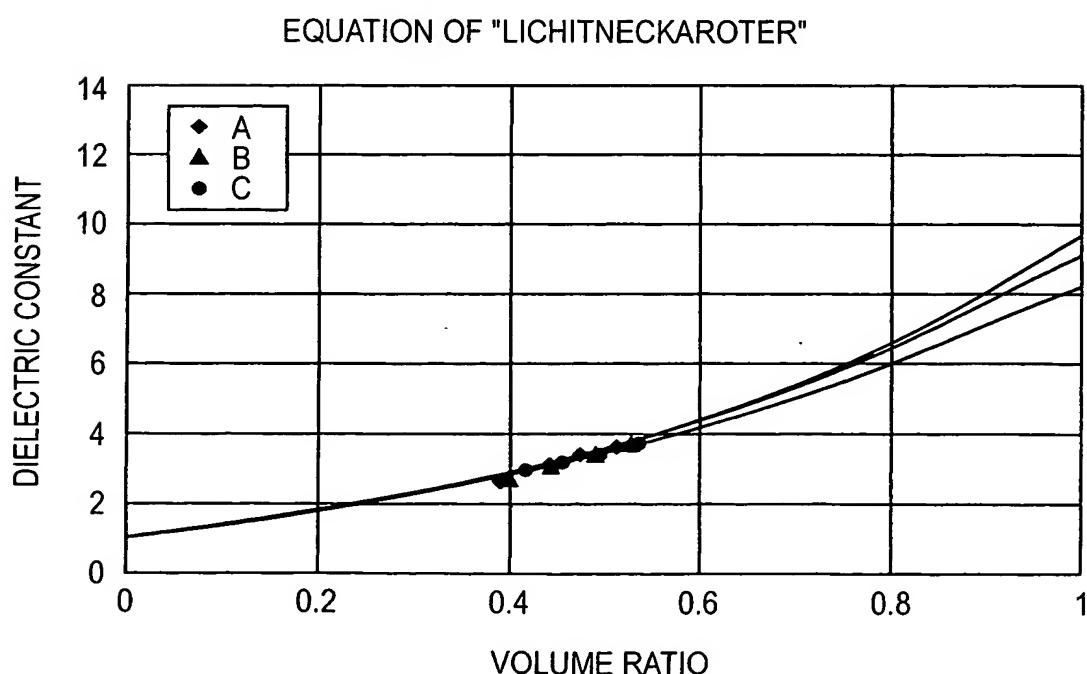


FIG. 14

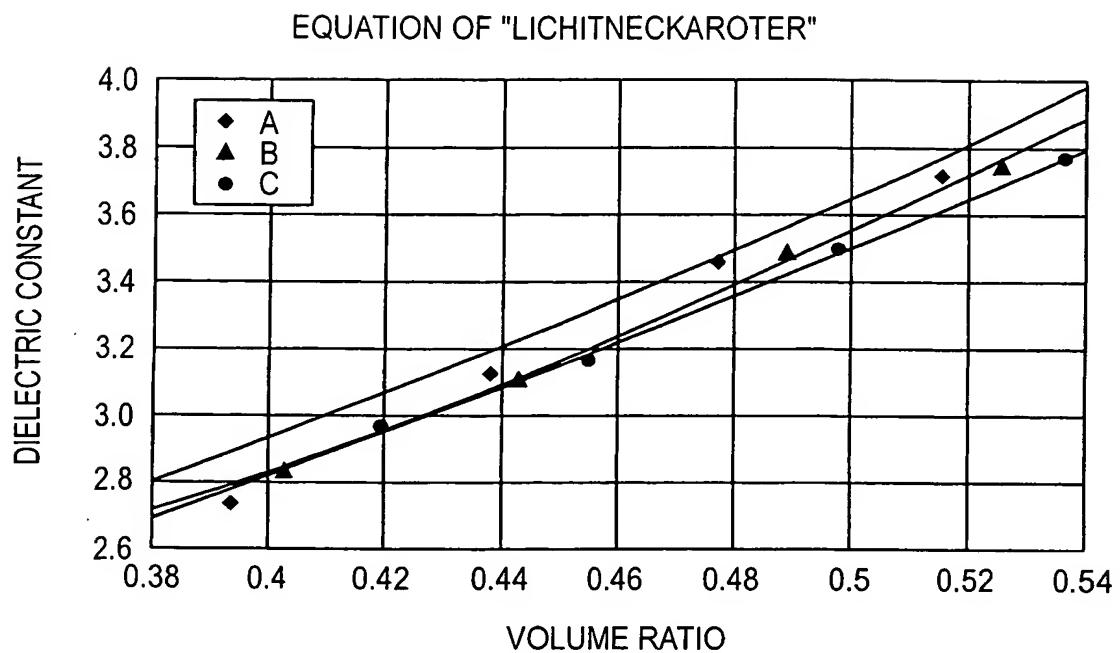


FIG. 15

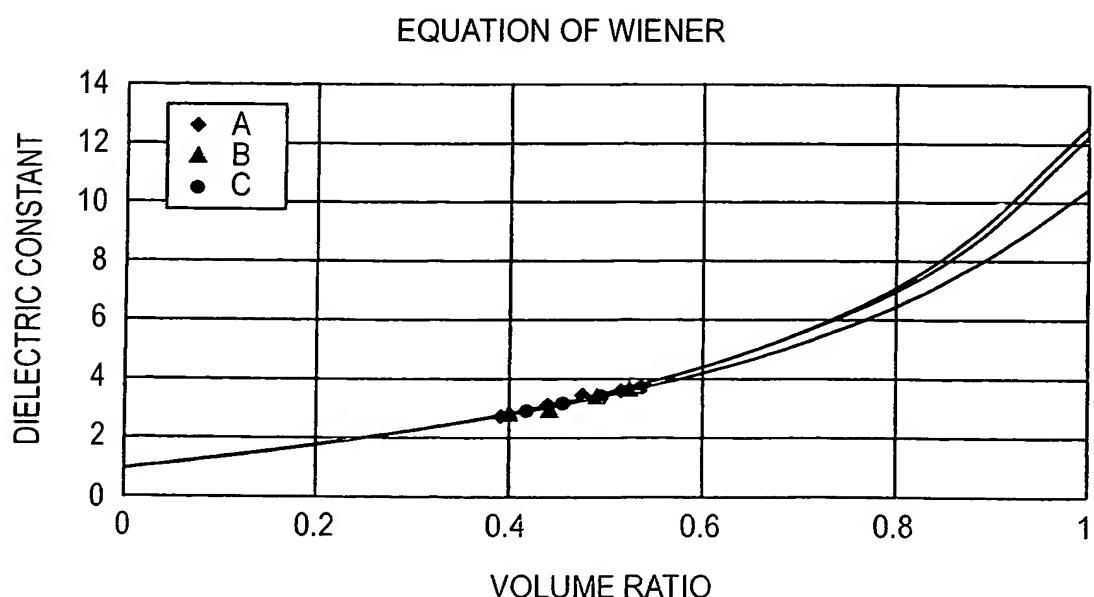


FIG. 16

EQUATION OF WIENER

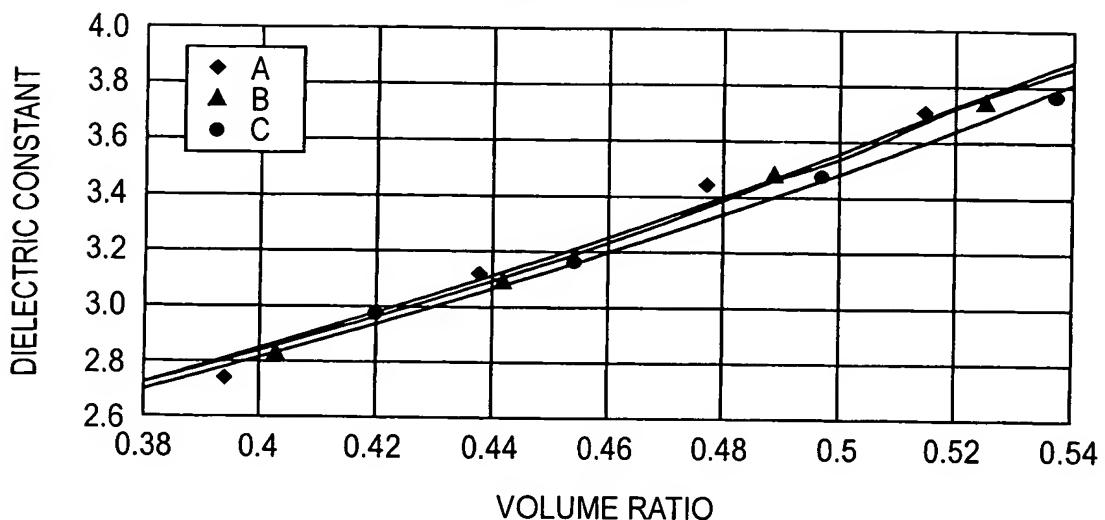


FIG. 17

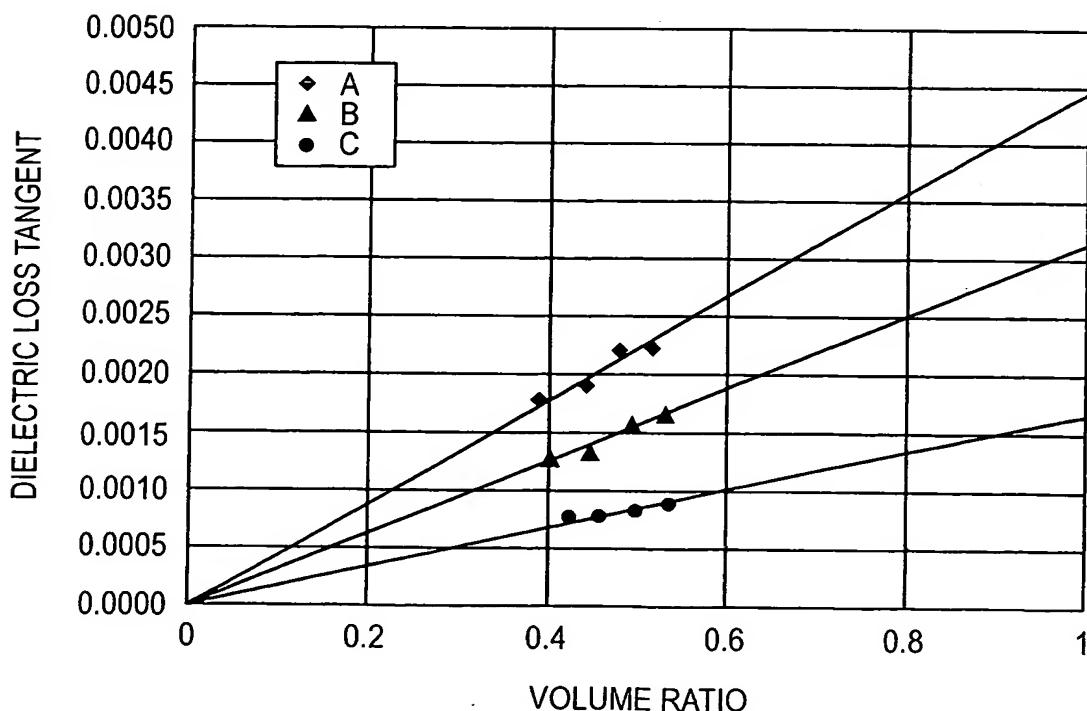


FIG. 18

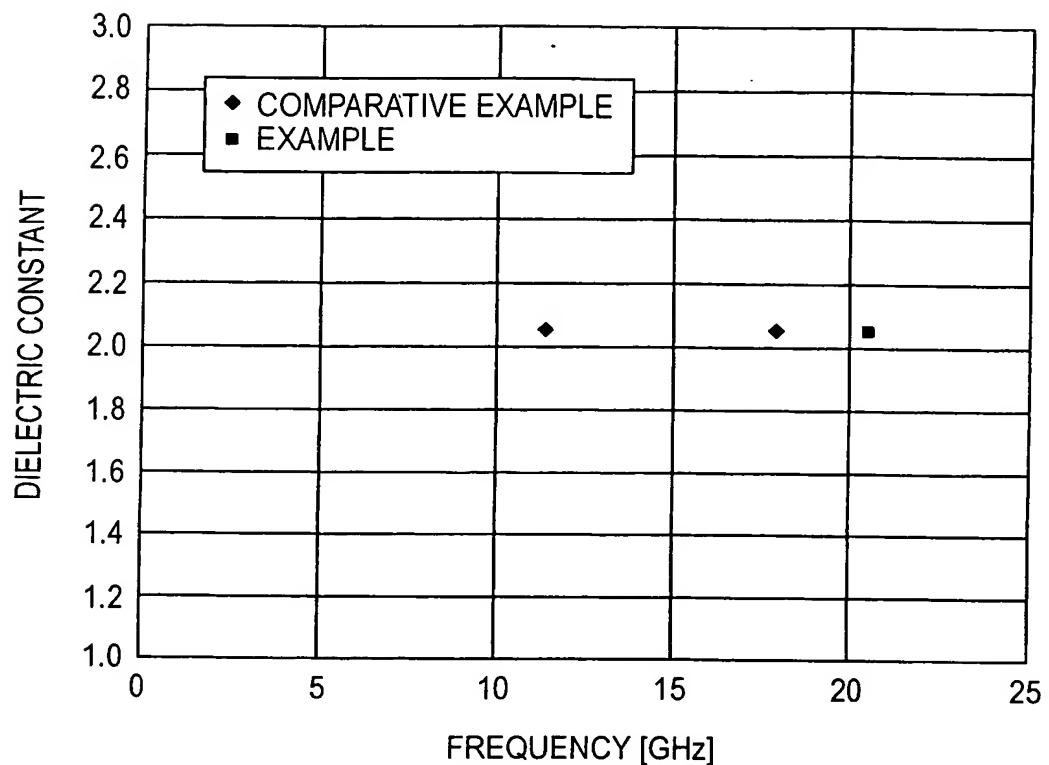


FIG. 19

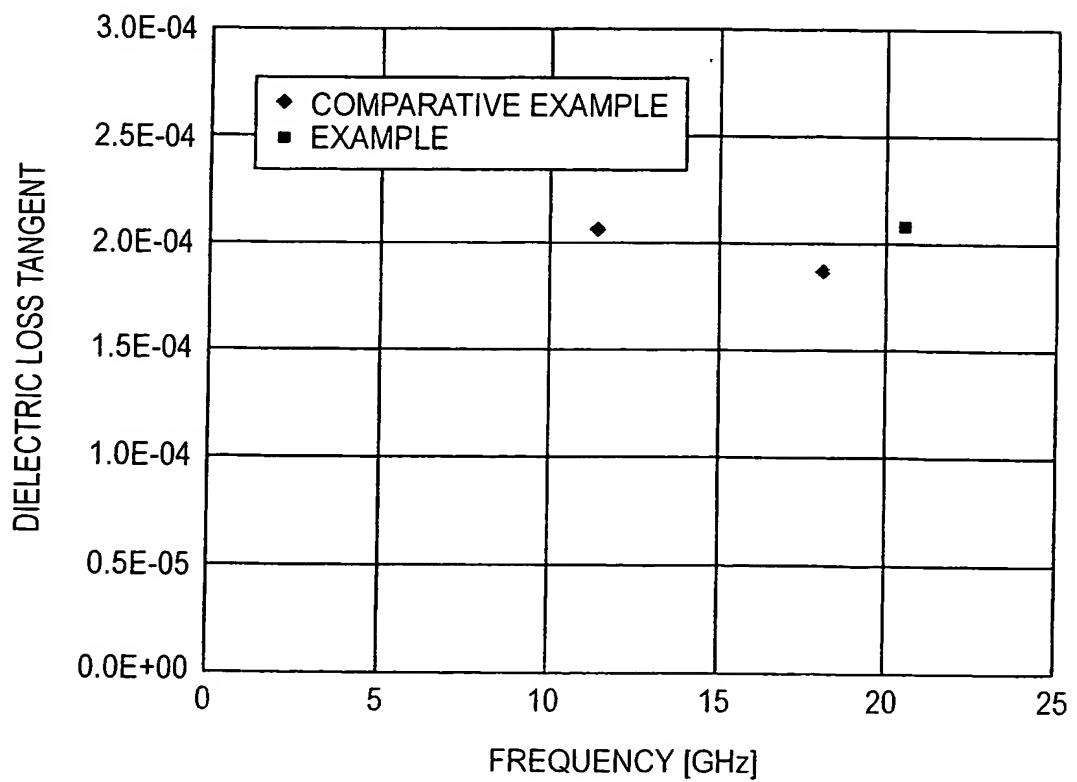


FIG. 20

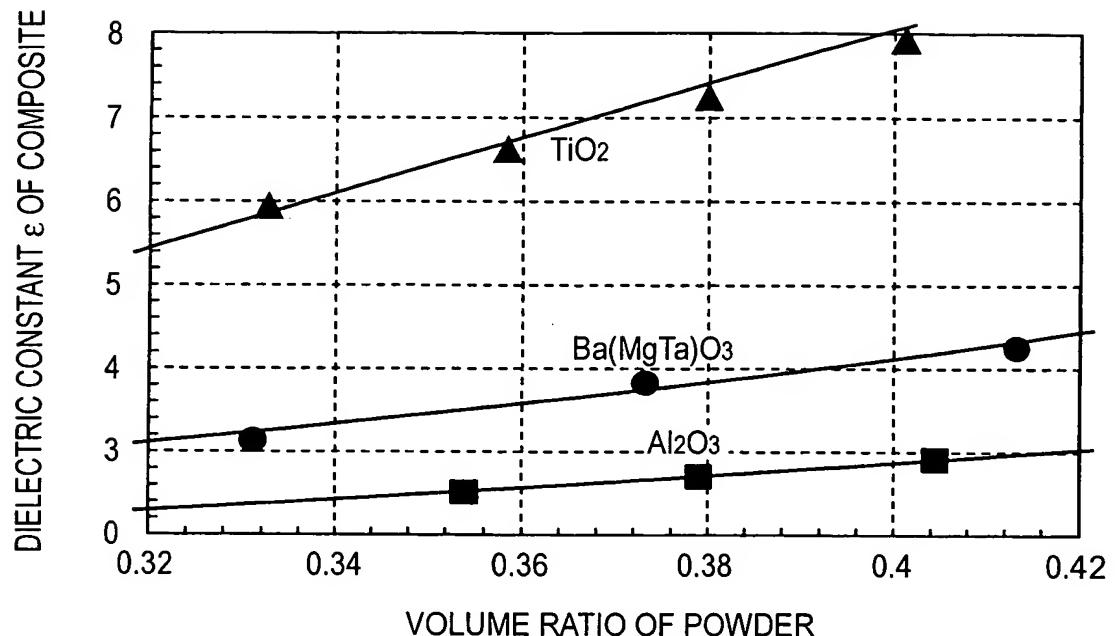


FIG. 21

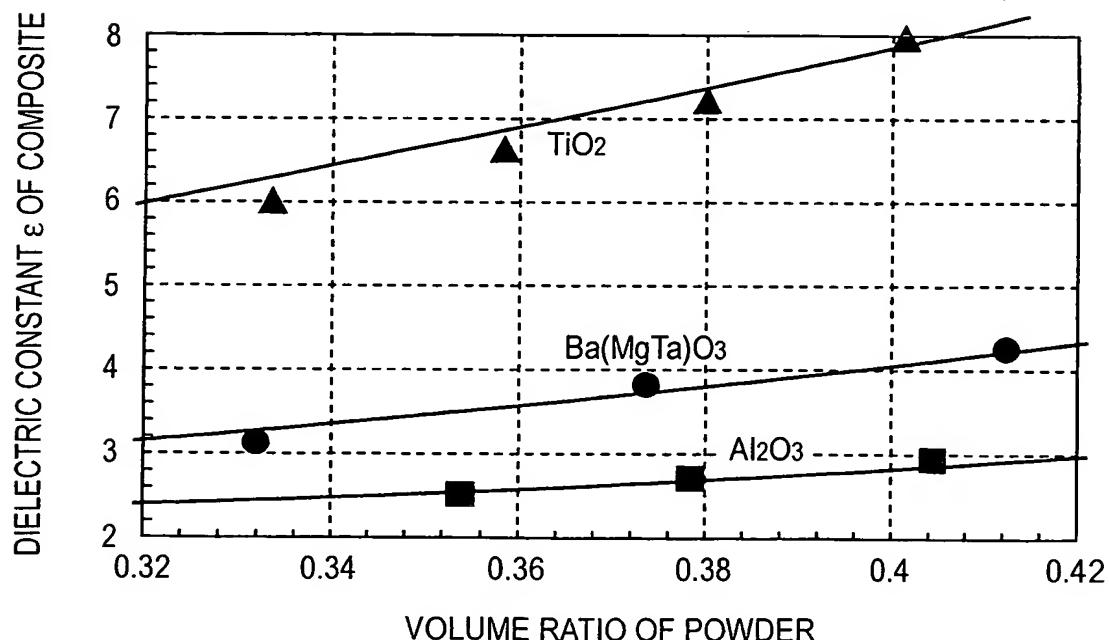


FIG. 22

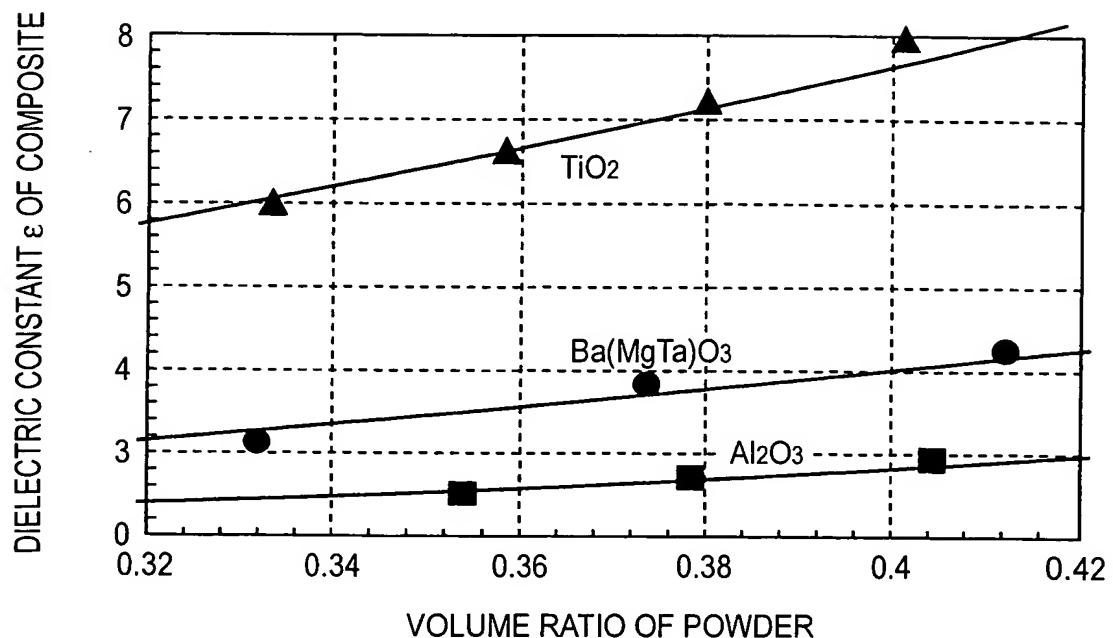


FIG. 23

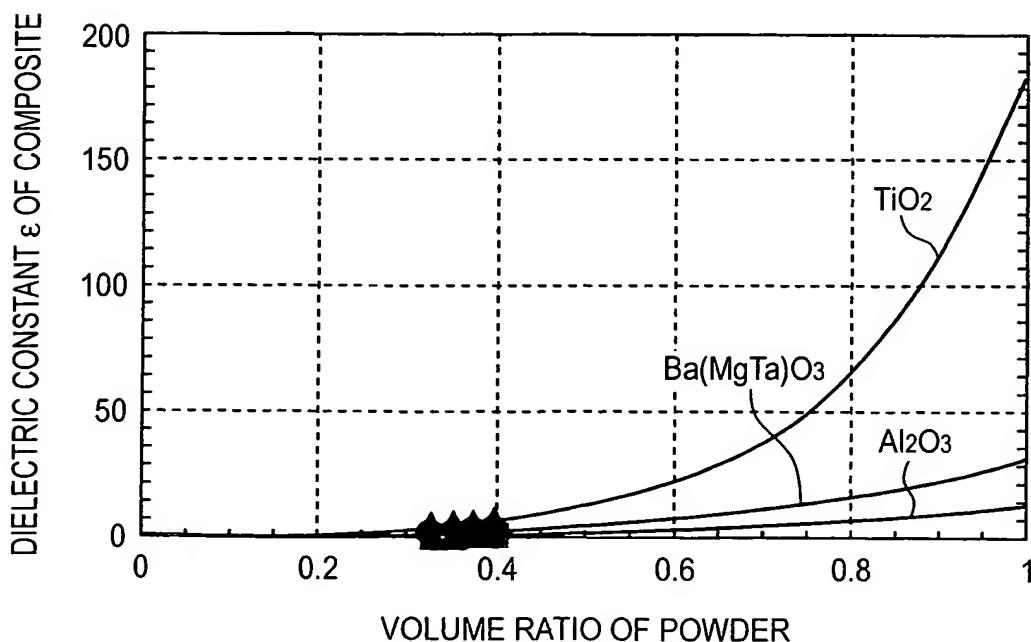


FIG. 24

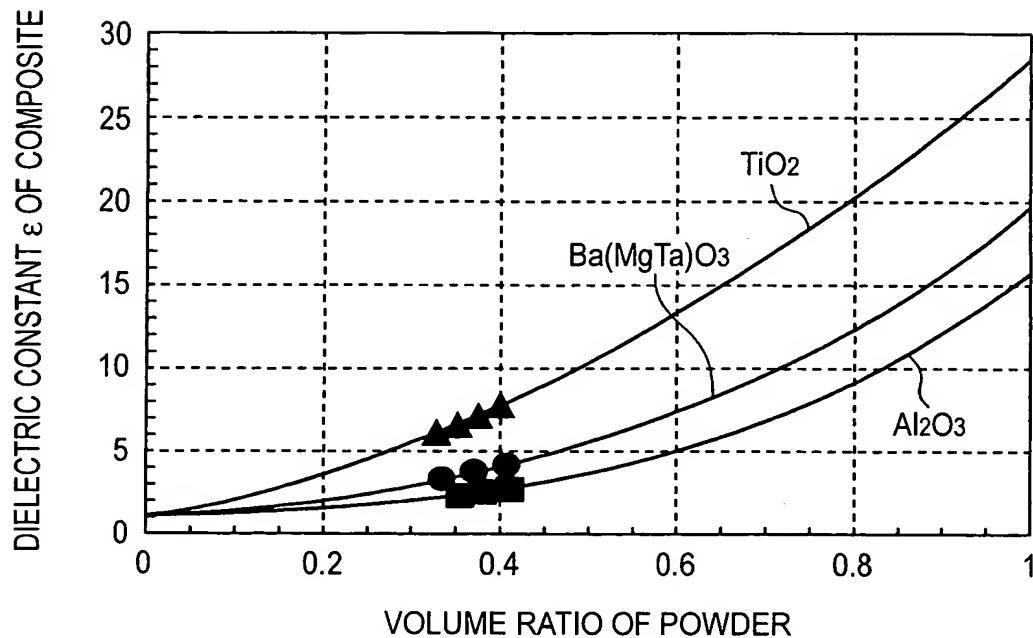


FIG. 25

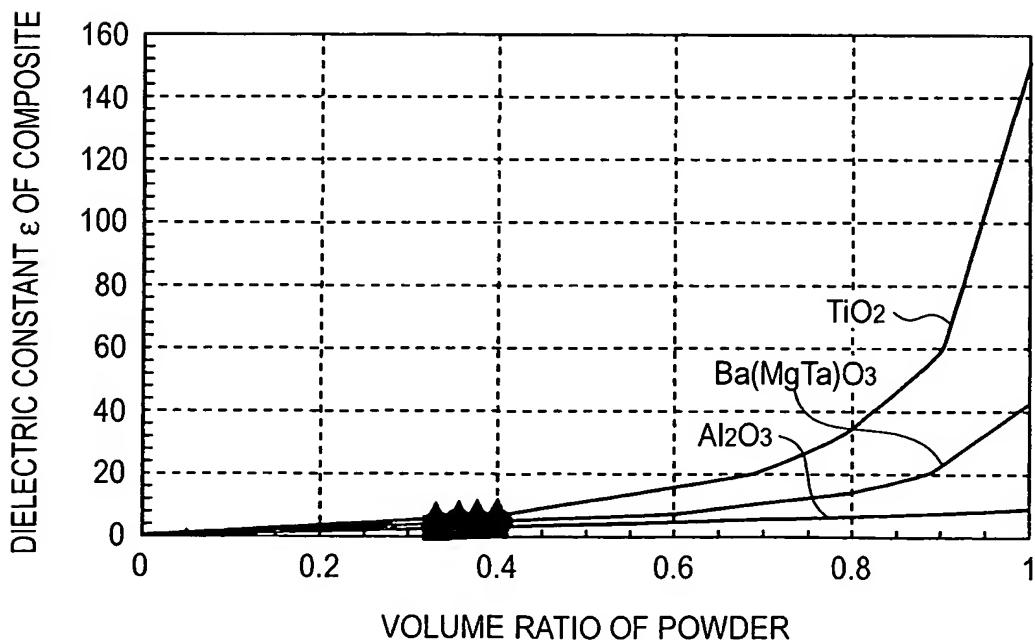


FIG. 26

TYPE	DIELECTRIC CONSTANT OF SINTERED PRODUCT	MEASURED VALUE
Al ₂ O ₃	11	14.1
Ba(MgTa)O ₃	24	33.9
TiO ₂	104	185.8

FIG. 27

TYPE	DIELECTRIC CONSTANT OF SINTERED PRODUCT	MEASURED VALUE
Al ₂ O ₃	11	15.7
Ba(MgTa)O ₃	24	19.4
TiO ₂	104	28.2

FIG. 28

TYPE	DIELECTRIC CONSTANT OF SINTERED PRODUCT	MEASURED VALUE
Al ₂ O ₃	11	8.75
Ba(MgTa)O ₃	24	42.7
TiO ₂	104	152.3

FIG. 29

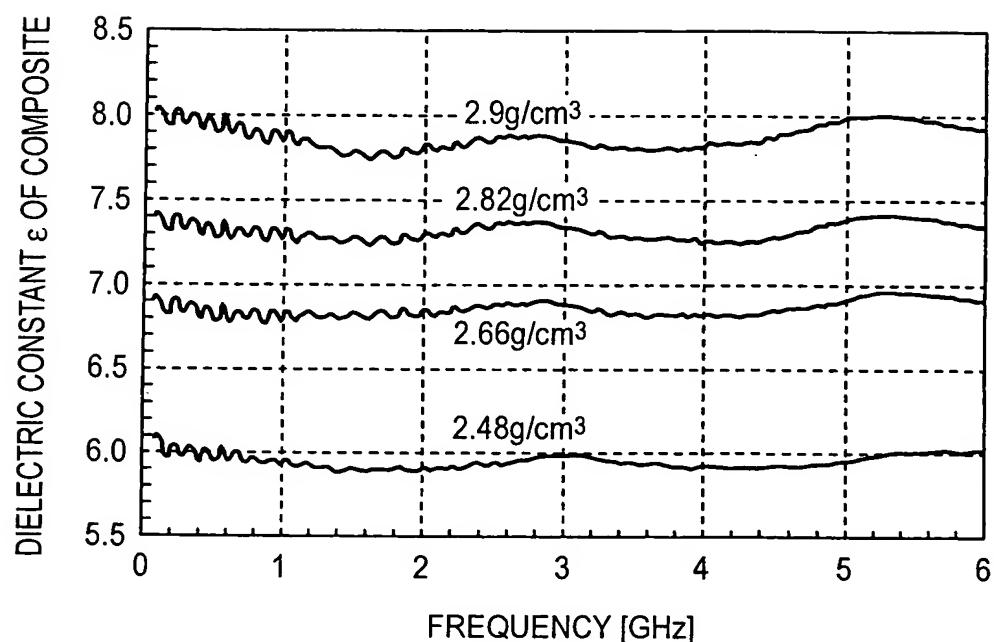


FIG. 30

TYPE	DIELECTRIC CONSTANT OF SINTERED PRODUCT	DIELECTRIC CONSTANT OF MIXTURE WITH 0.38 OF VOLUME RATIO OF POWDER
Al ₂ O ₃	11	2.7
Ba(MgTa)O ₃	24	3.8
TiO ₂	104	7.3

FIG. 31

